GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:3760
ANSWERED ON:09.08.2017
North East Institute of Science and Technology
Tasa Shri Kamakhya Prasad

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) the current status of the North East Institute of Science and Technology located in Jorhat;
(b) the total amount of money allotted for various researches in the institute by the Central Government;
(c) the number of vacant posts that exists in this institute presently and the way in which the institute has benefited the local population; and
(d) the number of their patent products that are feasible for commercial purposes presently?

Answer

MINISTER OF STATE FOR SCIENCE AND TECHNOLOGY AND EARTH SCIENCES

(SHRI Y. S. CHOWDARY)

(a) The CSIR-North East Institute of Science & Technology (CSIR-NEIST) at Jorhat, Assam was established in the year 1961 as a multidisciplinary laboratory. Its major thrust of R&D activities has been to develop indigenous technologies by utilizing the immense natural wealth of India in general and NE region in particular and thus contributing to the region as well as country's industrial growth and economic prosperity. Over the years, the Institute has generated several technologies in the areas of Biological Sciences, Chemical Sciences, Engineering Sciences, Geo-science and Materials Science of which about 60% were commercial successes culminating in setting up of various industrial ventures throughout the country. The Institute also developed expertise in the areas like Natural Products Chemistry, Drugs and Drug intermediates, VSK Cement Plant Technology, Agro-technologies, Petroleum microbiology and petrochemicals, Crude oil transportation, Paper and paper products, Beneficiation chemicals, Ecology and Environment studies, Geotechnical investigations, Foundation design engineering, Soil and Building materials, Membrane Technologies, Geoscience and seismic surveillance studies, etc.

(b) CSIR-NEIST has received Rs 368.76 crore from different central government agencies including CSIR during April 2012 to July 2017 to carryout various research activities.

(c) The number of vacant posts that are there in this institute presently are as follows:

GROUP VACANT POSITION
Scientist (Group-IV) 37
Technical (Group-III) 30
Technical (Group-II) 71
Technical (Group-I) 24
Administrative staff of different levels 72
TOTAL 234

CSIR-NEIST has been known for the technologies developed and disseminated to the society. Such few technologies are- Liquid deodorant cleaner, Low dust Chalk Pencil, Herbal Anti-Arthritis ointments, Herbal fungi destruct ointment, TP-16 Bio-fertilizer etc. The institute has worked under CSIR-800 and other socio-economic upliftment programmes in which different training Programmes on Mushroom Cultivation, Spawn Production & Processing, Fibre Extraction & Product Development, Citronella Cultivation & Processing, Vermi-compost Technology etc. were organized in various places of the region. In the area of human resource development, the institute has awarded PhDs in various disciplines of science by various universities to the aspiring students of the country. Moreover, a series of programmes like motivational programme the students and science faculties, summer/winter trainings, training for skill development in the region were organized from time to time.

(d) CSIR-NEIST, since inception has patented more than 50 technologies/ products. It is worthwhile to mention that about 40 of these technologies/ products have been successfully commercialized by various industries/ companies. At present seven patented technologies/ products/ processes are ready for transfer/ commercialization of which four, namely 'Vertical Shaft Kiln Mini Cement Plant', 'Anti-Fungal formulation', 'Herbal Mosquito Repellent Vaporizer' and 'Process for Bioremediation of contaminated soil' have been transferred for commercialization to more than 30 industries/companies.

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